| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|-------|--|--|---------------------|---------|------------------|
| S1 | 29829 | steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/22 11:41 |
| S2 | 22 | (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) same ((select\$6 or embed\$6 or insert\$5) near3 (rate or ratio or percent\$7 or proportion\$5) same threshold) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 19:45 |
| S3 | 26 | (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) same ((select\$6 or embed\$6 or insert\$5) near3 (rate or ratio or percent\$7 or proportion\$5 or amount) same threshold) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 19:55 |
| S4 | 41 | ((steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) near5 (rate or ratio or percent\$7 or proportion\$5 or amount)) same threshold | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 19:55 |
| S5 | 2 | "6415041".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 20:40 |
| S6 | 4 | ("5850481" "6181802" "6205249" "6343138").PN. | USPAT | OR | ON | 2004/06/21 20:57 |
| S7 | 2234 | (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) and ((watermark\$5 or embed\$5 or insert\$6 or imbed\$6) near4 (efficien\$6 or maximum or optimum or strength or amount or rate or proportion\$5 or percent\$5 or ratio)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 22:07 |

| S8 | 268 | (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) and ((watermark\$5 or embed\$5 or insert\$6 or imbed\$6) near4 (efficien\$6 or maximum or optimum or strength or amount or rate or proportion\$5 or percent\$5 or ratio)) with (chang\$6 or var\$3 or alter\$3 or modif\$6) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 22:12 |
|-----|-----|---|--|----|----|------------------|
| S9 | 87 | (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) and ((watermark\$5 or embed\$5 or insert\$6 or imbed\$6) near4 (efficien\$6 or maximum or optimum or strength or amount or rate or proportion\$5 or percent\$5 or ratio)) with (threshold\$3) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 22:09 |
| S10 | 30 | ((steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) and ((watermark\$5 or embed\$5 or insert\$6 or imbed\$6) near4 (efficien\$6 or maximum or optimum or strength or amount or rate or proportion\$5 or percent\$5 or ratio)) with (threshold\$3)) and @ad<"20000531" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 22:09 |
| S11 | 488 | (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) and ((watermark\$5 or embed\$5 or insert\$6 or imbed\$6) near4 (efficien\$6 or maximum or optimum or strength or amount or rate or proportion\$5 or percent\$5 or ratio)) with (chang\$6 or var\$3 or alter\$3 or modif\$6 or increas\$6 or decreas\$6) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 22:23 |
| S12 | 32 | (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) and (((watermark\$5 or embed\$5 or insert\$6 or imbed\$6) near4 (efficien\$6 or maximum or optimum or strength or amount or rate or proportion\$5 or percent\$5 or ratio)) with (chang\$6 or var\$3 or alter\$3 or modif\$6 or increas\$6 or decreas\$6) same threshold) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/21 22:30 |

| S13 | 282 | (watermark\$5 or embed\$6 or imbed\$6 or insert\$6) near4 (capacity or rate or ration or percent\$5 or proportion\$3 or degree) same (threshold\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/22 11:41 |
|-----|-------|---|--|----|----|------------------|
| S14 | 29897 | steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/22 11:42 |
| S15 | 55 | ((watermark\$5 or embed\$6 or imbed\$6 or insert\$6) near4 (capacity or rate or ration or percent\$5 or proportion\$3 or degree) same (threshold\$5)) and (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4))) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/06/22 11:42 |
| S16 | 3954 | (embed\$6 or imbed\$6 or watermark\$6) with (ratio or percent\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 13:59 |
| S17 | 311 | ((embed\$6 or imbed\$6 or watermark\$6) with (ratio or percent\$5)) same (watermark\$5 or steganograph\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 14:03 |
| S18 | 64 | (((embed\$6 or imbed\$6 or watermark\$6) with (ratio or percent\$5)) same (watermark\$5 or steganograph\$5)) same (threshold\$6 or predetermined) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 14:12 |
| S19 | 48 | (count\$5) with (embed\$5 or imbed\$5 or watermark\$4) same (ratio or percent\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 17:04 |
| S20 | 19058 | (embed\$5 or imbed\$5 or watermark\$4 or insert\$6) with (ratio or percent\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 17:05 |
| S21 | 4014 | (embed\$5 or imbed\$5 or watermark\$4 or insert\$6) near3 (ratio or percent\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 17:05 |

| S22 | 160 | ((embed\$5 or imbed\$5 or watermark\$4 or insert\$6) near3 (ratio or percent\$5)) and (watermark\$5 or steganograph\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 17:06 |
|-----|-------|---|--|----|----|------------------|
| S23 | 56 | (((embed\$5 or imbed\$5 or watermark\$4 or insert\$6) near3 (ratio or percent\$5)) and (watermark\$5 or steganograph\$5)) and @ad<"20000531" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/06 17:06 |
| S24 | 3 | (count\$4 near6 watermark\$6) same ((chang\$5 or adjust\$6 or recalculat\$5) near6 (percent\$5 or ratio or embed\$6 or insert\$6 or imbed\$5)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 10:45 |
| S25 | 9141 | (count\$6 near6 (pixel or bit)) and ((chang\$6 or adjust\$5 or modif\$6) near7 (amount or ratio or percent\$6)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 10:54 |
| S26 | 30202 | steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$5) or ((data or information) near4 (hid\$4 or embed\$4)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 10:49 |
| S27 | 519 | ((count\$6 near6 (pixel or bit)) and ((chang\$6 or adjust\$5 or modif\$6) near7 (amount or ratio or percent\$6))) and (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$5) or ((data or information) near4 (hid\$4 or embed\$4))) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 10:59 |
| S28 | 533 | (count\$6 near6 (pixel or bit)) same ((chang\$6 or adjust\$5 or modif\$6) near7 (amount or ratio or percent\$6)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 10:55 |
| S29 | 519 | (((count\$6 near6 (pixel or bit)) and ((chang\$6 or adjust\$5 or modif\$6) near7 (amount or ratio or percent\$6))) and (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$5) or ((data or information) near4 (hid\$4 or embed\$4)))) and (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$5) or ((data or information) near4 (hid\$4 or embed\$4))) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 10:59 |

| S30 | 15 | ((count\$6 near6 (pixel or bit)) same ((chang\$6 or adjust\$5 or modif\$6) near7 (amount or ratio or percent\$6))) and (steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$5) or ((data or information) near4 (hid\$4 or embed\$4))) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 10:59 |
|-----|-------|---|--|----|-----------------|------------------|
| S31 | 26 | ("5748783" "5778102" "5809139" "5825892" "5848155" "5862260" "5901178" "5903892" "5905819" "5915027" "5930369" "5933798" "5949055" "5949885" "5956716" "5960081" "5983176" "5987459" "6031914" "6037984" "6061451" "6061793" "6069914" "6094722" "6104826" "6108434").PN. | USPAT | OR | ON | 2004/07/07 11:20 |
| S32 | 8 | "6229924".pn. "6111990".pn. "6330672".pn. "6415041".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 15:43 |
| S33 | 25476 | (embed\$6 or watermark\$6 or insert\$6) near7 (spread\$6 or strength) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 15:16 |
| S34 | 278 | (embed\$6 or watermark\$6 or insert\$6) near7 (spread\$6 near5 (area or region)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 15:26 |
| S35 | 55 | (embed\$6 or watermark\$6) near7 (spread\$6 near5 (area or region)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON ['] | 2005/04/18 15:17 |
| S36 | 272 | (embed\$6 or watermark\$6 or insert\$6) near4 (data or information or bit) same (spread\$6 or insert\$5 or embed\$6 or watermark\$6) near2 (ratio or factor) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 15:27 |
| S37 | 272 | S36 and ad@<"20000531" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 15:28 |

| S38 | 121 | S36 and @ad<"20000531" | US-PGPUB; USPAT; EPO; | OR | ON | 2005/04/18 15:28 |
|-----|-------|--|--|----|----|------------------|
| | | | DERWENT; IBM_TDB | | | |
| S39 | 121 | S36 and @ad<"20000531" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 15:29 |
| S40 | 3 | ("5184849" "5734752" "5790703").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/18 15:44 |
| S41 | . 89 | (maximum) near4 (number or amount) near4 (watermark\$5 or embed\$6) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 15:47 |
| S42 | 122 | (maximum or most) near4 (number or amount) near4 (watermark\$5 or embed\$6) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/04/18 15:51 |
| S43 | 37723 | steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 13:44 |
| S44 | 782 | S43 same (bit near3 (number or amount quantity)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 13:47 |
| S45 | 127 | S44 same (threshold or predetermined) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 13:46 |
| S46 | 38 | S43 same (increas\$6 or decreas\$6) near3 (bit near3 (number or amount quantity)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 13:48 |
| S47 | 64 | (watermark\$5 or embed\$5) near4 ratio same (threshold or predetermined) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 14:05 |

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|-----|-------|---|--|----|------|------------------|
| S48 | 4 | toleran\$5 same (watermark\$5 or embed\$6) near4 (ratio) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 14:21 |
| S49 | 11 | toleran\$5 near watermark\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 14:21 |
| S50 | 125 | (chang\$6 or adjust\$6 or alter\$6 or recalculat\$5) near3 (number of amount or quantity) near2 (watermark\$5 or embed\$6) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 15:01 |
| S51 | 98 | S43 and S50 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 15:02 |
| S52 | 20 | (count\$6) near4 (watermark\$5 or embed\$5) same (ratio) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 18:30 |
| S53 | . 125 | (reduc\$6 or increas\$5 or decreas\$6) near3 (amount or number or quantity) near2 S43 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 15:56 |
| S54 | 36 | (count\$6) near4 (watermark\$5 or embed\$5) same (threshold) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON . | 2005/05/28 16:29 |
| S55 | 53 | (count\$6) near5 (watermarked or embedded) near2 (bit or pixel) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 16:43 |
| S56 | 25 | (chang\$6 or adjust\$5 or alter\$5) near5 (watermark\$6 near3 (rate or ratio)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 17:04 |
| S57 | 55 | (adaptive or variable) near4 (watermark\$5 or embed\$6) same (video) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 19:18 |

| S58 | . 60 | (count\$6) near4 (watermark\$5 or embed\$5) near2 (bit or pixel) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 18:32 |
|-------|-------|--|--|----|----|------------------|
| S59 | 58 | (count\$3) near4 (watermark\$5 or embed\$5) near2 (bit or pixel) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 18:32 |
| S60 | 60 | (adaptive or variable) near4 (watermark\$5 or embed\$6) same (count\$3) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 18:58 |
| S61 | 541 | watermark\$5 same (count\$3) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 19:17 |
| S62 | 1405 | (adaptive or variable) near4 (watermark\$5 or embed\$6) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 19:18 |
| S63 | 58 | S61 and S62 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/28 19:18 |
| S64 | 37723 | steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or information) near4 (hid\$4 or embed\$4)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/29 13:59 |
| S65 . | 22 | (count\$5) near3 (bit or time) near4 S64 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/29 13:59 |
| S66 | 192 | watermark\$5 near3 efficien\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/29 14:30 |
| S67 | | S66 same count\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/29 14:31 |

| S68 | 34 | rewatermark\$5 or re adj watermark\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/29 14:47 |
|-----|-----|---|--|----|----|------------------|
| S69 | 271 | (number or quantity) near3 (watermark\$5 or embed\$4) near2 (bit) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/29 15:29 |
| S70 | 27 | S69 same (count\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2005/05/29 15:29 |